

## ABSTRACT

The invention pertains to a method for making a block or gradient final (co)polymer comprising a step of radically polymerizing a mixture of  
5 ethylenically unsaturated monomers in the presence of a) a radical precursor and b) an iodine atom-containing intermediate polymer or a mixture of iodine atom-containing intermediate polymers, wherein the iodine atom-containing intermediate polymer comprises at least 50 mole% of methacrylate monomers and is obtainable from a polymerization of ethylenically unsaturated monomers.